Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449A/PTO				Complete if Known		
				Application Number		
INFOR	MATION	DISC	CLOSURE	Filing Date		
STATE	MENT B	YAP	PLICANT	First Named Inventor	Chang Chih Sung	
	•		•	Art Unit		
(use	as many shee	nts as ne	icessary)	Examiner Name		
Sheet	1.	of	· 1	Attorney Docket Number		

U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number - Kind Code ² (if known		Applicant of Cited Document			
	1	us- 6,497,939	12/24/2002	Nippon Zeon Co.	·		
	2	us- 6,388,722 us-	5/14/2002	Hitachi, Ltd., Hitachi Device Engineering Co.			
	3	us- 6,426,763	7/30/2002	Alps electric Co.			
	4	us- 6,266,108	7/24/2001	Sony Corporation			
		.us-					
	· .	US-	•				
		US-		i .			
		US- US-	•				
		US-					
		us-					
	ļ	υs-					
		US-					
		US-					
		US-		,			
		US-					
		US-			,		
	İ	lus-					

	FOREIGN PATENT DOCUMENTS								
Examiner Continues Initials	Cite	Foreign Patent Document			Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	No.	Country Code 3	-Number - Ki	nd Code® (# known)	MM-DU-TTTT				
								ļ	
	i i			Ì					
			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				•		
	٠.			i					
	i '					i .			
				i				1	
	1					j			

Examiner Signature	Date Considered	
Digitaturu		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.cov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is appropriate. English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief information Officer, U.S. Patent and Arrademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.